

**PATENT**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Alan Earl Swahn  
Application: Information Retrieval and Display System  
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Examiner: Brian P. Whipple  
Art Unit: 2452  
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Mail Stop Amendment  
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**37 CFR 1.131 Affidavit  
of Alan Earl SWAHN**

Dear Sir:

Mr. Alan Earl Swahn, being first duly sworn, deposes and says that:

1. I am the sole inventor of the invention described and claimed in the above-identified patent application.
2. I declare that conception of the invention occurred in the United States.
3. A system for information retrieval and display as well as a method for retrieving information from a plurality of sources and simultaneously displaying that

information in multiple windows in a single web browser instance, as described and claimed in the instant application was reduced to practice at least as early as June 13, 2002. A printout of the primary source code files (copy attached hereto as Exhibit A) describing an embodiment of the invention was prepared by me, Alan Swahn on January 8, 2010 and the code attached in Exhibit A is from multiple files date stamped on June 13, 2002, those files being accurately dated as such by my computer system.

4. The complete set of source code files remain in the applicant's possession and have date stamps that are the same as or before the primary source code date stamps, where such primary source code is attached in Exhibit A to this affidavit.
5. The primary source code discusses an initial rendition of the system, as well as the expected benefits to be obtained from the product, including the ability for the user to display multiple websites by clicking on a button that appears in the user interface. For example, the primary source code creates a button in a web browser having the label "Multiple Display Select" which when clicked calls function "setndisplay". This function, along with function "displaycurrent" allow the user to change how many webpages are displayed and view them in a single web browser instance. The function "next" displays the next webpage in the queue that was pre-loaded into an IFrame and starts the preload of another webpage for future display. The pages are unrelated to each other, except to be the product of the same web query.
6. During the time between the conception of the invention and the filing of the patent application, I continued to investigate improvements to the methods of information retrieval and practical aspects of the embodiment, such as performance optimization. As part of the improvements, I was able to generate compiled versions of the source code and test same on several computers.

7. During this time period, I also created multiple drafts of the subject provisional application. A sample draft of the provisional application from this time period is attached as Exhibit C. I completed and e-mailed this draft on August 14, 2002.
8. The primary source code demonstrates a working method of retrieving and displaying one or more websites in a single active browser instance. For example, the function “displaycurrent”, makes the IFrame visible that contains a webpage that had been pre-loaded into such IFrame.
9. During run-time of the source code, the user is able to simultaneously display at least a first and a second fully functional webpage. The user provides the number of concurrent webpages to display by clicking the “Multiple Display Select” button described above. The display occurs within a single web browser instance. Following the selection of the number of webpages to be shown, the function “setndisplay” causes the at least first and second fully functional webpages to be simultaneously visible to the user and may be operated on by the user through the browser and wherein any of said at least two additional first and second fully functional webpages may be operated on independently.
10. Similarly, the primary source code shows a user submitting, from a single web browser, a search request to an Internet search engine located on the Internet. The system then receives a hyperlink list from said Internet search engine and stores it in a list (an array) called “links[linkcount]”. Inasmuch as the list originates from an Internet search engine, said hyperlink list is rank-ordered. Through function “setndisplay”, the user is able to view at least at least first and second fully functional webpages.
11. The multiple files attached hereto as Exhibit B and prepared by me on January 8, include the primary source code files date stamped no later than May 22, 2002,


and shows a method for retrieving and viewing webpages in a single web browser instance. The primary source code shows a version of the Java program "getgoogle.java" calling a search provider (such as Google), in Exhibit B. In other words, as part of this program, the user's query is submitted to the web search engine. The Java program parses the search engine results to form a rank-ordered hyperlink queue and passes it to the JavaScript program through the JavaScript function "linker(fsrc)" which subsequently pre-loads first and second fully functional webpages from said rank-ordered hyperlink queue into hidden IFrames and then makes the first IFrame visible to be viewed by the user in the single web browser instance through the function "displaycurrent". Inasmuch as each webpage was shown in a separate IFrame, the webpages were *completely independent* and could be operated on by the user without conflicting with one another.

12. The complete set of source code files remain in the applicant's possession and have date stamps that are the same as or before the primary source code date stamps, where such primary source code is attached in Exhibit B to this affidavit.
13. During this time, I also described a method for retrieving and viewing webpages in a single web browser including a search request to multiple Internet search engines located on the Internet. Discussion of referencing multiple search engines was a part of the August draft of the provisional application, such as on page 6, lines 11-12, point (ii).
14. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and may jeopardize the

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validity of the aforesaid patent application.

Date: January 13, 2010

  
Alan Swahn